

## OPINION 1718

***Balea* Gray, 1824 (Mollusca, Gastropoda): conserved****Ruling**

(1) Under the plenary powers the generic name *Strombiformis* Da Costa, 1778 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The name *Eulima* Risso, 1826 (gender: feminine), type species by subsequent designation by Herrmannsen (1847) *Turbo subulatus* Donovan, 1804 (an unnecessary replacement name for *Strombiformis glaber* Da Costa, 1778), is hereby placed on the Official List of Generic Names in Zoology.

(3) The entry for *Balea* Gray, 1824 on the Official List of Generic Names in Zoology is hereby amended to record the type species as *Turbo perversus* Linnaeus, 1758 by subsequent designation by Turton (1831).

(4) The name *glaber* Da Costa, 1778, as published in the binomen *Strombiformis glaber* and as defined by the neotype designated by Warén (1989) (senior objective synonym of the specific name of *Turbo subulatus* Donovan, 1804, the type species of *Eulima* Risso, 1826), is hereby placed on the Official List of Specific Names in Zoology.

(5) The name *Strombiformis* Da Costa, 1778, as suppressed in (1) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

**History of Case 2247**

An application which involved the conservation of *Balea* Gray, 1824 was received from Dr Anders Warén (*Naturhistoriska Riksmuseet, Stockholm, Sweden*) on 18 January 1978. After correspondence on various matters the case was published in BZN 49: 12–15 (March 1992). Notice of the case was sent to appropriate journals.

Draparnaud's work *Histoire naturelle des mollusques ...* was published posthumously in 1805 and included (p. 68, pl. 4, fig. 4) a description and illustration of his species *Pupa fragilis*; *Turbo perversus* Linnaeus, 1758 was not mentioned. A shorter version of the work (*Tableau des mollusques ...*) had appeared in 1801, during Draparnaud's lifetime, and here (p. 64) *fragilis* was more briefly described with *perversus* Linnaeus being cited as a synonym. Thus although the name *fragilis* was made available in 1801 it was as a junior synonym of *perversus*. Subsequent authors have accepted Draparnaud's own synonymy of *fragilis* with *perversus*.

It was noted on the voting paper that Gray (1824) established *Balea* with three included species, among them *Pupa fragilis* Draparnaud, 1801 with *T. perversus* placed in synonymy (para. 2 of the application). Gray's use of the junior synonym presumably followed Draparnaud. Herrmannsen (1846) designated *T. perversus* as the type species without mentioning *fragilis* but in Opinion 335 (March 1955) *Balea* was placed on the Official List of Generic Names with *Pupa fragilis* wrongly cited as the designated type species. The senior synonym *perversus* was placed on the Official List of Specific Names as being the valid name of the type species. In a later publication Gray himself (1847) cited *T. perversus* as the type species of *Balea* and did not mention *P. fragilis*. The usage of *Balea* has almost always treated *perversus* as the nominal type species, with *fragilis* (when mentioned) as a junior synonym.

A comment (received during the voting period) from Mr Robert Burn (*Newtown, Geelong, Victoria, Australia*) noted that Turton (1831, p. 7) had designated *Turbo perversus* 'Montagu' as the type species of *Balea* and that this considerably predated Herrmannsen's (1846) designation.

#### Additional reference

Draparnaud, J.-P.-R. 1805. *Histoire naturelle des mollusques terrestres et fluviatiles de la France*. (Ouvrage posthume). viii, 164 pp., 13 pls. Paris.

#### Decision of the Commission

On 1 December 1992 the members of the Commission were invited to vote on the proposals published in BZN 49: 13. At the close of the voting period on 1 March 1993 the votes were as follows:

Affirmative votes — 27: Bayer, Bock, Bouchet, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Holthuis, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Ride, Savage, Schuster, Štys, Trjapitzin, Uéno, Willink

Negative votes — 2: Starobogatov and Thompson.

Heppell pointed out that the title of the paper by Harris (1894) is correctly cited as 'On the alteration of the generic name *Clausilia*'.

#### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*Balea* Gray, 1824, *Zoological Journal*, 1: 61.

*Eulima* Risso, 1826, *Histoire naturelle des principales productions de l'Europe méridionale et particulièrement de celles des environs de Nice et des Alpes Maritimes*, vol. 4, p. 123.

*glaber*, *Strombiformis*, Da Costa, 1778, *Historia naturalis testaceorum Britanniae or, the British conchology* ..., p. 117.

*Strombiformis* Da Costa, 1778, *Historia naturalis testaceorum Britanniae or, the British conchology* ..., p. 107.

The following is the reference for the designation of *Turbo perversus* Linnaeus, 1758 as the type species of the nominal genus *Balea* Gray, 1824:

Turton, W. 1831. *A manual of the land and fresh-water shells of the British Islands* ..., p. 7.

The following is the reference for the designation of the neotype of *Strombiformis glaber* Da Costa, 1778:

Warén, A. 1989. *Journal of Conchology*, 33(4): 220.